
RF EXPOSURE STATEMENT

FCC ID: 2AABL-X15

According to KDB447498, systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

According to KDB447498, no SAR required if power is lower than the flowing threshold:

Frequency Rang		Center Frequency (MHz)	SAR Limitation
Low Frequency (MHz)	High Frequency (MHz)		
2412	2462	2437	10

Peak and average measured transmitter power of this device is for wifi:

Mode	CH	PK Output power(mW)	Antenna Gain(dBi)	PK EIRP(mW)
11b	CH1	7.06	0.75	8.39
	CH6	7.48	0.75	8.89
	CH11	7.07	0.75	8.41
11g	CH1	5.86	0.75	6.96
	CH6	6.32	0.75	7.51
	CH11	7.29	0.75	8.66
11n/HT20	CH1	5.80	0.75	6.90
	CH6	5.63	0.75	6.69
	CH11	5.74	0.75	6.82
11n/HT40	CH3	5.35	0.75	6.36
	CH6	6.76	0.75	8.03
	CH9	6.25	0.75	7.43

Threshold at which no SAR required is 10 mW.

Maximum Tx Peak power is 8.89 mW EIRP.

Conclusion: No SAR is required.

Peak and average measured transmitter power of this device is for Bluetooth:

Mode	CH	PK Output power(mW)	Antenna Gain(dBi)	PK EIRP(mW)
GFSK	CH1	1.29	1.54	1.84
	CH6	1.37	1.54	1.91
	CH11	1.49	1.54	2.12

Threshold at which no SAR required is 10 mW.

Maximum Tx Peak power is 2.12 mW EIRP.

Conclusion: No SAR is required.

For Tune Up specification for wifi:

Mode	Tune up PK Output power(mW)
11b	8.91
11g	8.91
11n/HT20	8.91
11n/HT40	8.91

Maximum Tx Peak output power is 8.91 mW.

Threshold at which no SAR required is 10 mW

Conclusion: No SAR is required.

For Tune Up specification for Bluetooth:

Mode	Tune up PK Output power(mW)
GFSK	1.58

Maximum Tx Avg power is 1.58 mW.

Threshold at which no SAR required is 10 mW

Conclusion: No SAR is required.